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P. W. ABELES	"Studies of Crack Widths and Deformation Under Sustained and Fatigue Loading"; Vol. 10, No. 6, December 1965.
R. F. WARNER and C. L. HULSBOS	"Fatigue Properties of Prestressing Strand"; Vol. 11, No. 1, February 1966.
R. F. WARNER and C. L. HULSBOS	"Probable Fatigue Life of Prestressed Concrete Beams"; Vol. 11, No. 2, April 1966.
KARIM W. NASSER	"Behavior of Shear Keys and Ordinary Concrete Surface Under Fatigue and Static Overloading"; Vol. 11, No. 5, October 1966.

d. FIRE RESISTANCE

A. H. GUSTAFERRO and C. C. CARLSON	"An Interpretation of Results of Fire Tests of Prestressed Concrete Building Components"; Vol. 7, No. 5, October 1962.
UL Report, File R4123-11	"Report on Precast-Prestressed Concrete Hollow Core Flat Slabs, Forming a Floor and Ceiling Assembly"; Vol. 9, No. 2, April 1964.
UL Report, File R4123-12	"Report on Prestressed Pretensioned Concrete Inverted Tee Beams"; Vol. 10, No. 6, December 1965.

UL Report, File R4123-12A	"Report on Prestressed Concrete Inverted Tee Beams Post-Tensioned"; Vol. 10, No. 6, December 1965.
UL Report, File R4123-13	"Report on Roof and Ceiling Construction Consisting of Prestressed Pretensioned Concrete Double-Stemmed Units and Various Insulation Materials"; Vol. 11, No. 5, October 1966.

e. SHEAR

ROBERT N. BRUCE, JR.	"The Action of Vertical, Inclined, and Prestressed Stirrups in Prestressed Concrete Beams"; Vol. 9, No. 1, February 1964.
JOHN M. HANSON and C. L. HULSBOS	"Ultimate Shear Tests of Prestressed Concrete I-Beams Under Concentrated and Uniform Loadings"; Vol. 9, No. 3, June 1964.
PAUL E. MAST	"Shortcuts for the Shear Analysis of Standard Prestressed Concrete Members"; Vol. 9, No. 5, October 1964.

SPECIFICATIONS, CODES, and RECOMMENDED PRACTICES

L. L. HOWARD	"Specification Work Sheets for Prestressed Concrete Buildings"; Vol. 11, No. 2, April 1966.
PCI Seismic Committee	"Principles of the Design and Construction of Earthquake Resistant Prestressed Concrete Structures"; Vol. 11, No. 3, June 1966.